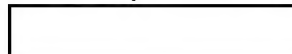


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INTERPRETATION
REPORT**

**PETROVKA NAVAL BASE AND SHIPYARD
(SHIPYARD ACTIVITIES, JANUARY-MARCH 1971)**



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STRATEGIC WEAPONS INDUSTRIAL FACILITIES

USSR



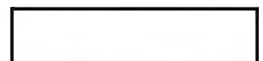
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REF ID: A64509/0050/71

INSTALLATION OR ACTIVITY NAME Petrovka Naval Base and Shipyard (Shipyard Activities, January - March 1971)		COUNTRY UR
UTM COORDINATES NA	GEOGRAPHIC COORDINATES 43-07-04N 132-20-25E	
MAP REFERENCE SAC. US Air Target Chart, Series 200, Sheet MO291-6HL, 4th ed, Jul 67, scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		REVISION DATE (if required)
		NA

ABSTRACT

1. This report describes activity at Petrovka Naval Base and Shipyard, USSR, during the first quarter (January - March) of 1971. Usable coverage of the shipyard during this quarter consisted of

2. The most significant event at this yard during the reporting period was the presence of a Y-class nuclear-powered ballistic missile submarine (SSBN) in a transporter dock, observed on coverage of This was the first sighting of a Y SSBN undergoing out-of-the-water maintenance in the Pacific Fleet.

BASIC DESCRIPTION

3. The principal activities at this yard include the fitting out, repair, and overhaul of Soviet submarines.

4. On an ARD(T) No-1-class transporter dock containing a Y SSBN was observed at berthing position IV of the fitting-out and repair yard (Figure 1). This was the first sighting of a Y SSBN in drydock in the Pacific Fleet. The submarine had a dark-toned sonar belt and appeared to have coils or bands surrounding sections of the hull aft of the missile bay. These coils or bands appeared to be connected by wires to a long rectangular object on the edge of the quay (Figure 1 inset, item A). An unidentified light-toned object of undetermined shape was observed on the deck of the missile bay near missile tube 12 (Figure 1 inset, item B). Sheets of ice were visible on the hull. The undisturbed appearance of the ice in the bay suggested that the submarine had been in the dock for longer than 24 hours.

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Table 1. Petrovka Naval Base and Shipyard, USSR,
(Keyed to Figure 1)

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Item	Description
1	Artificial island under construction
2	Petrovka B YRSN
3	N SSN
4	Support barge
5	E-II SSGN
6	YTM
7	Support barge
8	Zeya YRSN
9	J SSG in transporter dock
10	4 probable SS-N-3 launch tube liners
11	Okhtenskiy ATR
12	Floating crane
13	Support barge
14	202-A AR
15	2 SO-1 SC
16	Converted S-1 YFB
17	E-II SSGN on repairway 4
18	N SSN on repairway 3
19	E-I SSGN/SSN undergoing conversion on repairway 2
20	E-II SSGN on repairway 1
21	Support barge
22	Khobi AO
23	Repairway shed under construction
24	YAG
25	Zeya YRSN
26	[redacted] ATA/ATR
27	E-I SSN
28	ATA/ATR
29	Y SSBN in transporter dock
A	Unidentified long rectangular object
B	Unidentified light-toned object
30	ATR
31	Floating crane
32	PM-124 YRSN
33	Petrovka A YRSN
34	Support barge
35	202-A AR
36	Poluchat-1 YPT
37	Barge
38	Barge
39	Building under construction in fitting-out and repair yard

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5. By [] the Y SSBN had been removed from the dock and replaced by an unidentified large submarine. On that date, a Y SSBN being assisted by a tug was observed in the bay (Figure 2).

6. On [] a J-class guided missile submarine (SSG) was observed in a transporter dock at berthing position VIII of the main repair yard. Four probable SS-N-3 launch tube liners were observed on the quay nearby. The missile launchers of the submarine were elevated. By [] the J SSG had departed the yard, and the empty dock had been moved to berthing positions IX and X of the fitting-out and repair yard. The objects identified as probable SS-N-3 tube liners were not present.

7. Activity on the repairways remained unchanged throughout the quarter. Repairways 1 and 4 were occupied by E-II SSGNs, repairway 2 by an E-I SSGN/SSN, and repairway 3 by an N SSN. The E-I on repairway 2 continued to undergo conversion from an SSGN to an SSN.

8. Construction activity was noted on the artificial island west of the main repair yard. During the quarter two buildings were roofed and three pier approaches were nearly completed. Since berthing facilities are limited at the shipyard proper, this area may be planned as a Y SSBN berthing and support facility.

9. Construction continued on the new building in the fitting-out and repair yard. Progress on this structure has been slow. The overall appearance of the building remained unchanged during the reporting period (Figure 2, item 31).

10. Construction continued on the repairway shed (Figure 1, item 23). Since last quarter, a small segment of roofing has been installed over the ways. Earth moving activity was noted in the area immediately east of the building site, which may indicate a new extension to the existing transverser. This suggests that the transverser method will be employed to move vessels to and from these repairways; however, the possibility still exists that the method using a transporter dock may be employed to accomplish transfer of vessels.

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FIGURE 2. PETROVKA NAVAL BASE AND SHIPYARD, USSR,

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Table 2. Petrovka Naval Base and Shipyard, USSR,
(Keyed to Figure 2)

Item	Description
1	Large building under construction on artificial island
2	Floating crane
3	Petrovka B YRSN
4	Probable support barge
5	Unidentified auxiliary
6	Probable floating crane
7	Probable floating crane
8	Unidentified small auxiliary
9	2 SO-1 SC
10	202-A AR
11	YFB
12	2 probable support barges
13	Probable AOL
14	E-II SSGN on repairway 4
15	N SSN on repairway 3
16	E-I SSGN/SSN on repairway 2
17	E-II SSGN on repairway 1
18	Repairway shed under construction
19	ARD(T) No 2 transporter dock (unoccupied)
20	Unidentified large submarine
21	Zeya YRSN
22	Rectangular support barge
23	Unidentified auxiliary
24	Y SSEN
25	Probable ATA/ATR
26	Unidentified large submarine in ARD(T) No 1 transporter dock
27	Petrovka A AR
28	202-A AR
29	Barges
30	PM-124 YRSN
31	Building under construction in fitting-out and repair yard

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REFERENCES



MAPS OR CHARTS

25X1

SAC. US Air Target Chart, Series 200, Sheet M0291-6HL, 4th ed, Jul 67, scale 1:200,000 (SECRET)

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RELATED DOCUMENT

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NPIC. RCA-09/0036/71, Petrovka Naval Base and Shipyard, Shipyard Activities, October - December 1970, Feb 70 (TOP SECRET)

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REQUIREMENT

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COMIREX J01
NPIC/IEG/WGD/SSB Project 221309AC



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